

High Precision Strong Adaptability DBF Technology Phased Array Radar for Low Altitude Security and Drone Detection

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: MYT
- Certification: CNAS、CMA、CAL、ILAC-MRA
- Model Number: DD-RX35000
- Minimum Order Quantity: 1
- Price: Pricing is negotiable based on order quantity
- Delivery Time: 10 work days
- Payment Terms: TT,LC
- Supply Ability: 1000units per month



Product Specification

- Working System: Digital Phased Array (azimuth Scanning+elevation Scanning)/pulse Doppler
- Working Band: X Band
- Effective Detection Range: 100m 5.0km UAV; RCS=0.01
- Azimuth Coverage: 360°
- Elevation Coverage: 40°
- Detection Speed: 0.5m/s 75m/s
- Azimuth Accuracy: ≤0.5°
- Pitch Accuracy: ≤1.0°
- Distance Accuracy: ≤10m
- Data Rate: ≥0.2Hz
- Data Interface: RJ45/1 1CH Ethernet 10/100M Port
- Input Power: ≤350W(power Dissipation) AC200-AC240(input)
- Working Temperature: -40 +55

WAVELENGTH: 10.7 GHz
COOLING: Wind-cooled
POWER: 350W
FREQUENCY: 10.7 GHz
ANTENNA: 350W
ELEVATION: 40°
AZIMUTH: 360°
RCS: 0.01
RANGE: 5.0km
SPEED: 75m/s
ACCU: 0.5°
PITCH: 1.0°
DIST: 10m
DATA: 0.2Hz
PORT: 10/100M
POWER: 350W
TEMP: -40~+55°C
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Product Description

High Precision Strong Adaptability DBF Technology Phased Array System Radar 6000X

High precision Strong adaptability DBF technology Phased array system High cost-effectiveness radar Model: DD-RX35000

Product Introduction

The DD-RX35000 is primarily composed of one radar array, one mechanical turntable, and one power adapter. Designed for the detection, surveillance, and target indication of micro/small civilian drones in critical areas including borders, perimeters, airports, and military bases. This system accurately provides comprehensive trajectory information including target orientation, distance, altitude, and speed.





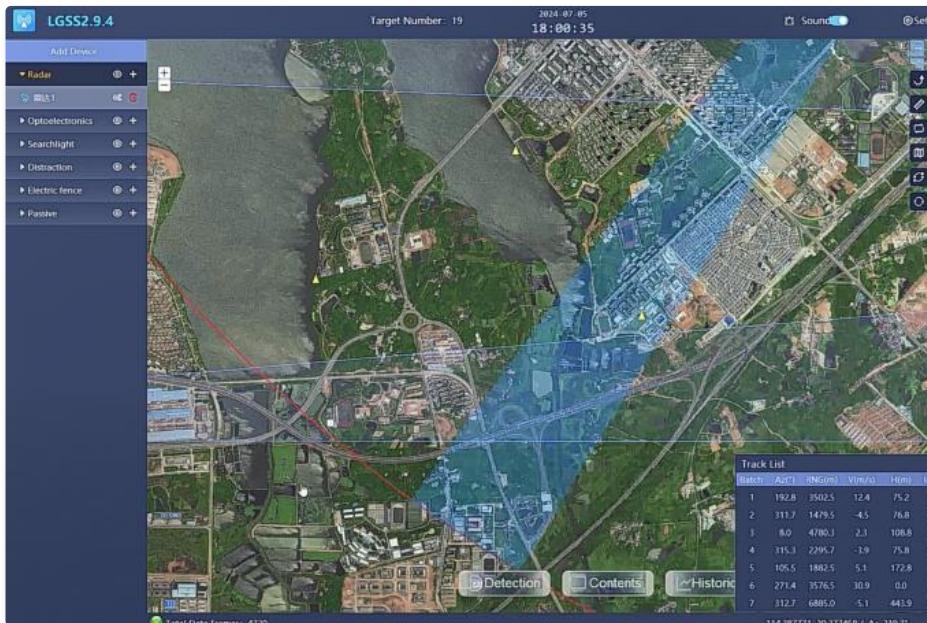


Functional Highlights

- High Real-time and High Precision:** Maintains high-precision tracking for long-distance detection targets, providing effective judgment basis for border defense personnel.
- Strong Environmental Adaptability:** Capable of 24/7 operation in harsh environments including night, rain, snow, haze, and dust conditions.
- High Flexibility:** Long-range target detection capability with easy installation and deployment.
- DBF Technology:** Digital Beam Forming technology enhances anti-interference capability through multi-beam transmission technology.
- Phased Array System:** Advanced active phased array system improves radar detection effectiveness and outputs target coordinate information.
- High Cost-Effectiveness:** Continuous product improvements ensure optimal detection performance while achieving perfect balance of reliability, usability, and economy.

Technical Specifications

Specification	6000X Details
Working System	Digital phased array (azimuth scanning + elevation scanning)/pulse Doppler
Working Band	X Band
Effective Detection Range	100m - 5.0km (UAV; RCS=0.01)
Azimuth Coverage	360°
Elevation Coverage	40°
Detection Speed	0.5m/s - 75m/s
Azimuth Accuracy	≤0.5°
Pitch Accuracy	≤1.0°
Distance Accuracy	≤10m
Data Rate	≥0.2Hz
Data Interface	RJ45/1 1CH Ethernet 10/100M port
Input Power	≤350W (power dissipation) AC200-AC240 (input)
Working Temperature	-40 - +55
Weight (N.W)	≤32kg (Whole device with 360° electric rotary)



Support and Services

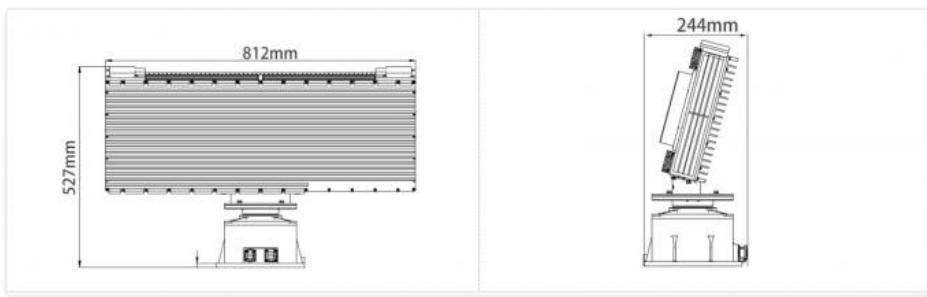
At 6000X, we provide comprehensive technical support and services to ensure optimal performance of your anti-drone radar system.

Our experienced technical support team is available 24/7 to address any questions or technical challenges. We offer remote support capabilities for rapid issue resolution when needed.

Beyond technical support, we provide comprehensive services including professional installation and setup, maintenance and repair services, and customized solutions tailored to specific operational requirements.

We are committed to delivering exceptional service and technical support. For any inquiries or concerns, please contact our dedicated support team.

Product Dimensions

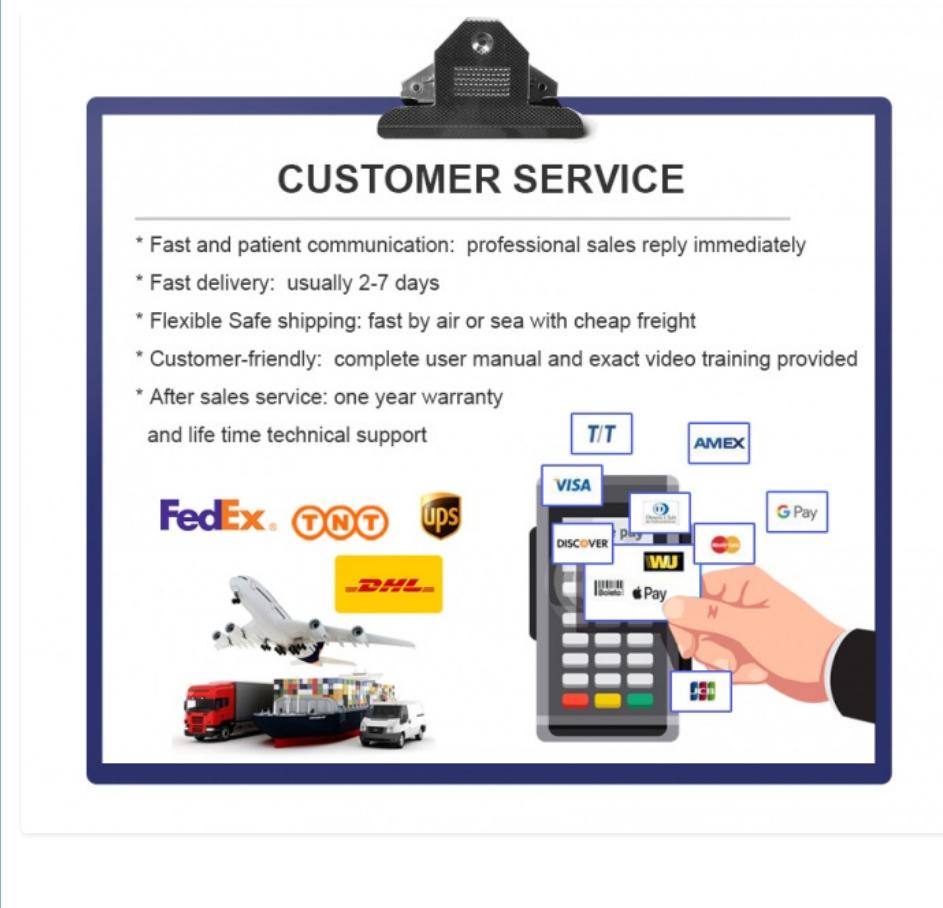


Packing and Shipping

We utilize premium packaging materials to ensure your 6000X system arrives in perfect condition. All orders are shipped via UPS or FedEx with comprehensive tracking capabilities.

Each package receives meticulous attention to secure packing and proper labeling. All shipments are fully insured against loss or damage during transit.

We prioritize rapid order processing, typically shipping orders within 24 hours of receipt to ensure timely delivery.



Chongqing Miao Yi Tang Technology Co., Ltd.

+8613101235550

gary@chinaantidrone.com

chinaantidrone.com

www.chinaantidrone.com